

3<sup>rd</sup> AI Forum  
Emerging AI Governance:  
The Cambodian Perspective

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Senior Minister,  
Chairman of ECOSOCC,  
Distinguished Professor  
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CamTech

<b>Period</b>	<b>Key Developments</b>
Ancient Origins	Concept of AI in ancient philosophy and early automatons.
Early 1900s	Interest in artificial humans and brains, early robots.
1950-1956	Turing's AI work, Turing Test, Samuel's checkers program.

<b>1957-1979</b>	<b>John McCarthy created LISP, the first AI programming language. The first industrial robot, Unimate, was deployed, and expert systems were developed.</b>
<b>1980-1987</b>	<b>AI Boom, Deep Learning, XCON.</b>
<b>1987-1993</b>	<b>AI Winter, decreased interest and funding.</b>
<b>1993-2011</b>	<b>Continued progress, Deep Blue, Roomba, speech recognition.</b>
<b>2012-Present</b>	<b>AI tools, Deep Learning, Big Data, Sophia, AI surpasses humans.</b>
<b>Future of AI</b>	<b>Increased business adoption, workforce changes, robotics autonomous vehicles.</b>

# How Many Gen Z in Seasia 2024?

Generation Z, or Gen Z, refers to the generational group born roughly from the mid-1990s to the early 2012s. They are a generation that grew up alongside the development of digital technology and the internet




No data source found for Brunei, Laos, Myanmar, Singapore, and Timor-Leste



# AI for Public Sectors

<b>Task</b>	<b>How</b>	<b>Tools</b>
Predictive Analytics	Forecast trends and outcomes based on historical data	Machine learning algorithms, data analytics software
Chatbots and Virtual Assistants	Automate customer service interactions and provide information	Natural language processing (NLP), chatbot platforms

## AI for Public Sectors (Con)

Machine Learning Algorithms	Used for fraud detection, risk assessment, and personalized services	Various machine learning libraries and frameworks (e.g., TensorFlow, scikit-learn)
Image and Video Analysis	Tasks like facial recognition, object detection, and  surveillance	Computer vision libraries and frameworks (e.g., OpenCV, TensorFlow Object Detection API)

# AI for ECOSOCC

Task	How	AI Tools
Policy Analysis	Analyzing and visualizing data	Data analytics tools (e.g., Tableau, Power BI)
	Predictive analysis	Machine learning algorithms (e.g., scikit-learn, TensorFlow)
Regulation Compliance	Monitoring compliance	Compliance management software, AI-powered compliance tools
	Identifying non-compliance and suggesting corrective actions	AI analytics platforms

## AI for ECOSOCC (Con)

Policy Research	Automating data collection and analysis	Text mining/NLP tools, research automation tools
Policy Advice	Providing evidence-based advice	AI decision support systems, chatbots/virtual assistants
Monitoring and Evaluation	Data collection and management	Data collection/management tools (e.g., SurveyMonkey, REDCap)
	Analyzing data and generating reports	AI analytics platforms (e.g., SAS, RapidMiner)



# AI & LEGAL PRACTICES & POLICY

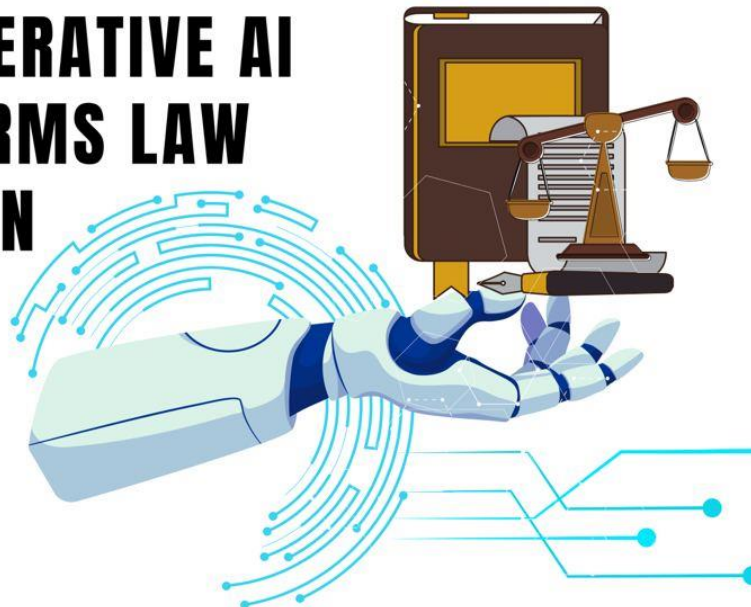
Tasks	How	AI Tools
Legal Research	Analyzes legal documents and case law for relevant information.	Natural Language Processing (NLP)
Contract Analysis	Identifies key clauses, risks, and compliance issues in contracts.	Machine Learning, NLP
Regulatory Compliance	Monitors data for compliance breaches.	Machine Learning, Data Analysis

# AI & LEGAL PRACTICES & POLICY (Con)

Predictive Analytics	Predicts case outcomes.	Machine Learning, Predictive Analytics
Document Automation	Automates drafting of legal documents.	Machine Learning, NLP, Document Automation
NLP Analysis	Analyzes legal documents written in natural language.	Natural Language Processing (NLP)

## GUEST LECTURE 2023

# HOW GENERATIVE AI TRANSFORMS LAW EDUCATION




### Guest Speaker:

### **Professor CHHEM Kieth Rethy**

Distinguished Professor of Humanities & Technology,  
CamTech University


The guest lecture will discuss the benefits and threats of AI on legal education, especially in the context of Cambodia.

 **21ST NOVEMBER, 2023**

 **06.00 PM - 08.00 PM**

#### More Information

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Register Here



# EMERGING ISSUES

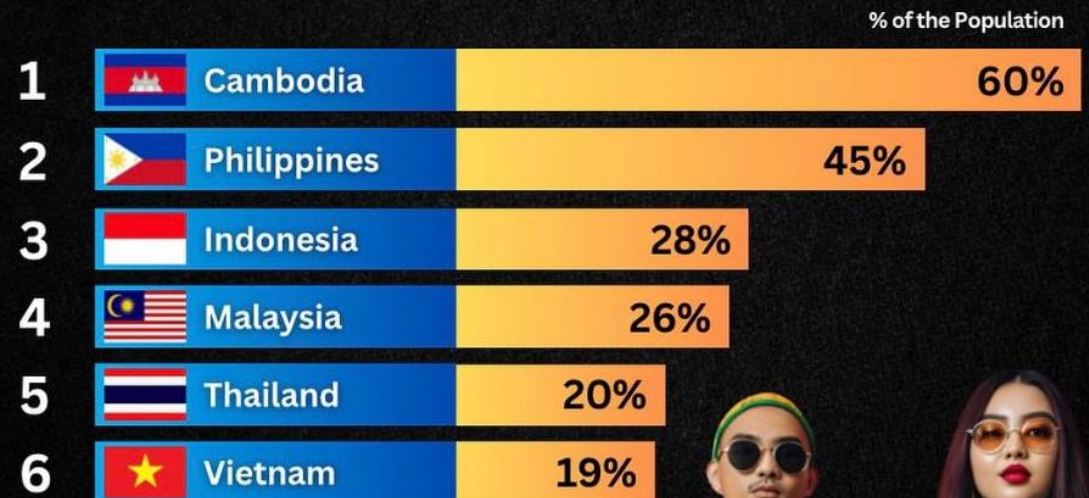
<b>Emerging Issues</b>	<b>Solutions</b>
Lack of Regulation	Regulatory Framework
Data Privacy Concerns	Data Protection Laws
Ethical Considerations	Ethics Guidelines
Skills Gap	Capacity Building

# TAKE HOME MESSAGES

- Change of mindset and behavior
  - AI is here to stay
  - To adapt or to become irrelevant
  - Many useful AI tools.
  - Adapt & Adopt
- Main barriers
  - Khmer languages
  - Rare Language in the Global Context
- Limitations of GenAI

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